

1040



# PearlGlaze™

*The Future of Decorative Glass.*

PearlGlaze™ is a breakthrough system for applying colour to glass. Unlike conventional coating systems, PearlGlaze™ is purely designed for adhesion to glass. Solid colours, pearlescents and metallics are all available.

Designed for  
**evic group**  **Xpress Tint**  
In-house Tinting System

## Key Product Features

- Easy single or two coat system to produce stunning colours and effects on glass.
- Outstanding resistance and adhesion.
- Subtle highlighters, shimmering pearlescents and exciting solid colour finishes available in the 1040 range.
- A universal Part B and bonding solvent is used for the entire range.

## Ideal Use

Each product in the 1040 range is being extensively used for fashionable float, textured and plain glass panels and tiles. 1040, 1042, 1044 and 1046 can be used for kitchen splashbacks, toughened countertops, glass furniture, feature walls and countless other interior commercial applications where a coloured or translucent glass surface is appropriate.

## Available Sizes (Litres)

**PART A: 1040 SOLID COLOUR, 1042 HIGHLIGHTER, 1044 SOLIDPEARL, 1046 METALGLAZE**

1 2 4

**PART B: 1040 PEARLGLAZE PART B**

1 4

**SOLVENT: 920S ADPRO**

920S is sensitive to moisture and should be stored with the lids properly replaced. Only purchase pack sizes consistent with your use.

1 4

**WARNING:** If 920S is allowed to age or be exposed to moisture, its effectiveness in conjunction with the PearlGlaze system will be unacceptably reduced.

## Colours

Please refer to the COLOURS section (overleaf) for information on colours and their availability in the variants of PearlGlaze.

**PLEASE NOTE:** BECAUSE THE TINT OF CLEAR "GREEN" GLASS AFFECTS THE COLOUR SHOWN, WE DO NOT OFFER A COLOUR MATCHING SERVICE THROUGH GLASS. WE RECOMMEND COLOURS BE SELECTED FROM ONE OF THE EVIC GROUP'S GLASS OR METALLIC COLOUR CARDS.

## Gloss Levels

1040 Solid Colour is available in full gloss and matt (25-35%)

## Mixing

**MIXING RATIO (A:B) IS 4:1**

Separately stir PART A and PART B thoroughly. Only mix sufficient for spraying within the normal pot life. Products are mixed 4 parts "A" to 1 part "B" and then thinned 15-20% with 920S Adpro solvent. Combine thoroughly before use.

## Thin Quantity

**15-20% WITH 920S ADPRO SOLVENT**

It is essential to thin all PearlGlaze products with a minimum of 15% with 920S Adpro solvent prior to commencing application or any further thinning. **920S solvent completes the mixture and ensures bonding to the glass substrate.**

## Pot Life

**4 HOURS @ 20°C**

Higher temperatures can reduce this time. During pot life the material viscosity will increase. It may be required towards the end of the pot life to slightly thin material to maintain spraying viscosity.

## Suggested Equipment

**SPRAY APPLICATION IS REQUIRED**

Mix or handle product in a spray booth or equivalent well ventilated space. Spray application in a spray booth is required using a positive pressure air-fed face mask.

**Suction Spray Gun** - Anest Iwata W200.15 at 275-310kpa (40-45psi)

**Gravity Spray Gun** - Anest Iwata W400.14 at 275-310kpa (40-45psi)

## Coverage Rate

**APPROXIMATELY THREE TO FIVE SQUARE METRES PER LITRE (3-5m<sup>2</sup>/L)**

## Dry Times

**CALCULATED @ 25°C**

**TIME TO TOUCH DRY** - 15-20 minutes

**TIME TO PRINT FREE** - 16+ hours or overnight

**TIME TO RE-COAT** - 16+ hours or overnight

**TIME TO PACKING** - 24 hours, if baked. 2-3 days without baking.

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## Preparation

### WASH DOWN GLASS THOROUGHLY WITH 920S ADPRO SOLVENT

**Before spraying**, air clean prepared surface and wash glass thoroughly with 920S AdPro Solvent to ensure the substrate is clean. **Do not use methylated spirits (or any other solvent) as a substitute to 920S Adpro, as this will affect the adhesion performance of 1040 to the glass substrate.**

**IMPORTANT: Due to the silicone applied during processing, we do not recommend the application of 1040 PearlGlaze, to a glass substrate which has been sandblasted.**

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## Application

### 1040 SOLID COLOUR

**STEP 1: Solid Colour** - carefully apply Solid Colour (thinned with 920S Adpro solvent) in 2-3 double header coats (as required for opacity), allowing flash off time between, and changing direction for each pass. This achieves even and consistent opacity for the coating.

If applicable, ensure deep valleys and sharp peaks common to textured glass are covered sufficiently. Since PearlGlaze uses only lead-free tinters, clean bright colours may require extra coats to ensure opacity. Alternatively, Glaze Gray (SG040) may be used as a backing coat to achieve opacity.

Allow to dry or bake according to the Data Sheet (see BAKING).

### 1042 HIGHLIGHTER

**STEP 1: Highlighter** - carefully apply PearlGlaze Highlighter (thinned with 920S Adpro solvent) in 2 double header cross coats, allowing flash off time between coats and changing direction for each pass. The secret to achieving stunning highlights is using consistent and even application. Since Highlighter can be hard to see, especially on textured glass, resist the temptation to apply extra coats, as this will diminish the overall effect.

Once mixed, the PearlGlaze Highlighter mixture should be maintained by swirling a marble in the suction pot or continually using mild agitation. Allow to dry, or bake according to the Data Sheet (see BAKING), prior to 'backing' with Solid Colour.

**STEP 2: Solid Colour (over Highlighter)** - carefully apply Solid Colour over the dried Highlighter film in 2-3 double header coats (as required for opacity), allowing flash off time between, and changing direction for each pass. This achieves even and consistent opacity for the backing coat. If applicable, ensure deep valleys and sharp peaks common to textured glass are covered sufficiently. Some colours may require extra coats to ensure opacity. Allow to dry or bake according to the Data Sheet (see BAKING).

### 1044 SOLIDPEARL

**STEP 1: Solid Pearl** - carefully apply Solid Pearl (thinned with 920S Adpro solvent) in 2 double header cross coats, allowing flash off time between the coats and changing direction for each pass. Solid Pearl has been designed with a slight translucent appearance, so it is necessary for a consistent and even application technique to be employed to consistently achieve a reliable result.

Once mixed, the Solid Pearl mixture should be maintained by swirling a marble in the suction pot or continually using mild agitation. Allow to dry, or bake according to the Data Sheet (see BAKING).

### 1046 METALGLAZE

**STEP 1: MetalGlaze** - carefully apply MetalGlaze (thinned with 920S Adpro solvent) in 2-3 double header cross coats, allowing flash off time between the coats and changing direction for each pass. MetalGlaze offers higher coverage than Solid Pearl, however certain colours may require a backing coat to achieve true opacity. A consistent and even application technique to be employed to consistently achieve a reliable result.

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## Further Notes on Application

Consistency within and between jobs is important for repeatable work. Spray equipment and settings should remain the same; mixing, thinning and number of coats should remain constant; and it is preferable that the same spray technique be used.

Careful planning of all jobs should be carried out with the utmost care to ensure to a consistent repeatable finish is obtained. Because of the variables involved in applying 1044 and 1046, it is recommended that enough material is purchased for the entire job at one time (allowing for any additions) and boxed prior to use.

Touching up is also not recommended for 1042, 1044 or 1046.

**PEARLGLAZE IS NOT RECOMMENDED FOR ANY APPLICATION THAT INCLUDES SUBMERSION IN WATER.**

<b>Baking</b>	Allow 45-60 minutes flash off time then bake at up to 60°C for one to two hours.
<b>Clean Up</b>	Spraying equipment and mixing utensils should be thoroughly flushed and cleaned with 800S or 825S solvent before the coating cures.
<b>Packing</b>	Unlike MDF and melamine doors which can be packed horizontally, glass panels should be packed vertically (interleaved with padding) to protect the glass and the coating.
<b>Colours</b>	<p>BECAUSE THE TINT OF CLEAR "GREEN" GLASS AFFECTS THE COLOUR SHOWN, WE DO NOT OFFER A COLOUR MATCHING SERVICE THROUGH GLASS. WE RECOMMEND COLOURS BE SELECTED FROM ONE OF THE EVIC GROUP'S GLASS OR METALLIC COLOUR CARDS.</p> <p><b>1040</b> - Solid Colour has 105 standard colours to choose from. Colour cards are available and can be personalised with your company logo and details. Colours can also be tinted using Evic's <b>Xpress Tint</b> In-House Tinting System.</p> <p>The purity and thickness of the glass substrate can have a significant effect on the appearance of colours when seen through the glass. Most pale colours should only be used on Starphire optically clear glass. The Evic Group 1040 colour card assumes the colour is viewed through Starphire glass.</p> <p><b>1042</b> - There are 6 Highlighter bases available as standard. These specialised base finishes have virtually unlimited possibilities but are dependent on the 1040 backing colour used. Due to the difficulty in presenting this finish in print, samples of the highlighter bases are available for experimentation.</p> <p><b>1044</b> - There are 55 SolidPearl colours available as standard. Their translucent effects create an alluring finish to float or patterned glass. Due to the difficulty in presenting this finish in print, samples of SolidPearl are available for experimentation.</p> <p><b>1046</b> - MetalGlaze is available in the 70 standard metallic colours on the Evic Group Metallic colour card. Colour matching is not available with metallic colours, but contact our Customer Service department for other approximate matches we may have on file.</p>
<b>Evic's Guide to Colour</b>	<p>Because of the huge variations that occur in paint charts, samples, etc., it is your responsibility to ensure any colour we provide is correct or acceptable to you and your customer before you use it. The Evic Group will not accept liability for any colour once it has been applied.</p> <p>We recommend reading Evic's Guide to Colour for comprehensive details of our service and terms and conditions of sale.</p>
<b>Glazing</b>	<p>Only an approved neutral cure "mirror and glazing" silicone should be used (such as Rhodorsil V60). The metal flakes and pigments contained within some of Evic's PearlGlaze coatings are more likely to react with certain silicones, especially those containing anti-mould/mildew agents. These silicones can cause a "shadow-like" effect over time. Solid colour backing coats have been shown to be effective in minimising this.</p> <p>All glazing should conform to Standards Australia Glass and Glazing Handbook HB125-1998. It states that silicone be applied in vertical strips and <b>never in "blobs"</b>, which cure relatively quickly on their perimeter causing solvents or curing additives to be trapped in the centre. This may cause the paint to blister or reduce adhesion to the glass.</p>
<b>Storage</b>	Part A can be stored up to 12 months if in a properly sealed container. Both Part B and 920S solvent are moisture sensitive and should be stored in full containers with little air pad.
<b>Users</b>	This is a specialised industrial coating and should only be applied by experienced and competent tradesmen in accordance with the manufacturer's specification. Please read Material Safety Datasheet M1040 in conjunction with this product data sheet.
<b>Further Info</b>	Go to <a href="http://www.evic.com.au">www.evic.com.au</a> for product and material safety data on all Evic products. Information is also available in booklet and CD-ROM form, or by e-mail and fax transmission. For further enquiries, call the Evic Group on (freecall) 1800 761 761.